

**DECLARATION AND POWER OF ATTORNEY**  
Patent Application

Attorney's Docket Number  
F-678  
Page 1 of 2

As below named inventor, I hereby declare that:

my residence, post office address and citizenship are as stated below next to my name;

I believe that I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND SYSTEM FOR IMPROVING SECURITY OF POSTAGE INDICIA UTILIZING  
RESOLUTION AND PIXEL SIZE**

described and claimed in the attached specification;

I have reviewed and understand the contents of the above-identified specification, including the claims;

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, section 1.56; and

I do not know and do not believe the invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the invention was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint practitioners at **Customer Number 00919** to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith;

Additionally, I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith;

Brian A. Lemm	Reg. No. 43,748
Angelo N. Chacras	Reg. No. 39,134
Charles R. Malandra, Jr.	Reg. No. 31,038
Robert E. Meyer	Reg. No. 26,307

DECLARATION AND POWER OF ATTORNEY Patent Application		Attorney's Docket Number F-678 Page 2 of 2		
<p>Address all telephone calls to Brian A. Lemm at telephone No.: (203) 924-3836.</p> <p>Address all correspondence to:</p> <p style="margin-left: 200px;">Brian A. Lemm Pitney Bowes Inc. Intellectual Property and Technology Law Department 35 Waterview Drive P.O. Box 3000 Shelton, CT 06484</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>				
Full Name	Last  NAMBUDIRI	First  EASWARAN	Middle	
Residence & Citizenship	City  Rye Brook		State  NY	Citizenship  USA
Post Office Address	Street Address  9 Castleview Court	City  Rye Brook	State  NY	Zip Code  10573
Signature of Inventor  <i>Easwaran Nambudiri</i>			Date  Oct 27, 2003	

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of ) Date: October 28, 2003  
EASWARAN NAMBUDIRI ) Attorney Docket No.: F-678  
Serial No.: Not Yet Assigned ) Customer No.: 00919  
Filed: Concurrently herewith ) Confirmation No.: Not Yet Assigned

Title: **METHOD AND SYSTEM FOR IMPROVING SECURITY OF POSTAGE INDICIA  
UTILIZING RESOLUTION AND PIXEL SIZE**

**RECORDATION OF ASSIGNMENT - NEW PATENT APPLICATION**

Mail Stop Patent Application  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

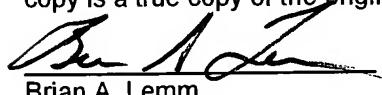
Sir:

Please record the attached original document(s) or copy(ies) in the records of the U.S. Patent and Trademark Office.

1. Name of conveying party:  EASWARAN NAMBUDIRI	2. Name of receiving party:  Pitney Bowes Inc. 1 Elmcroft Road Stamford, CT 06926-0700
3. Nature of Conveyance: Assignment Execution Date: 10/27/03.	
4. Property Conveyed: This document is being filed together with a new patent application. The execution date of the application is 10/27/03.	
5. Name and address of party to whom correspondence concerning this document should be mailed:  Brian A. Lemm Pitney Bowes Inc. 35 Waterview Drive P.O. Box 3000 Shelton, CT 06484-8000	6. Total Number of Applications: 1  7. Total Recordal Fee: \$40.00  8. Charge the \$40.00 Fee to Deposit Account No. 16-1885.

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
\_\_\_\_\_  
Brian A. Lemm

October 28, 2003

Total number of pages including this cover sheet: 3.

## A S S I G N M E N T

WHEREAS, I, EASWARAN NAMBUDIRI have invented certain new and useful improvements in a **METHOD AND SYSTEM FOR IMPROVING SECURITY OF POSTAGE INDICIA UTILIZING RESOLUTION AND PIXEL SIZE** identified as File Number **F-678** in the Intellectual Property and Technology Law Department files of the hereinafter-mentioned assignee, and have executed an application for United States Patent based thereon on the 27<sup>th</sup> day of October, 2003;

AND WHEREAS, I acknowledge that at the time of the invention, I was under an obligation to convey the entire rights in the invention to the hereinafter-mentioned assignee;

AND WHEREAS, Pitney Bowes Inc., a corporation organized and existing under the laws of the State of Delaware and having its place of business at 1 Elmcroft Road, Stamford, Connecticut, U.S.A., is desirous of perfecting certain rights thereunder.

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and hereby sell, assign and transfer unto said corporation the entire right, title and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof, and all the rights under the International Convention for the Protection of Industrial Property including the right to claim for any foreign patent application the priority date of the corresponding U.S. patent application) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, substitute, reissue or other patent application based in whole or in part thereon, or based upon said invention;

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms of which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States application or any of them, or upon said invention or any part thereof, to said corporation;

AND I hereby agree for myself and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, renewal, substitute, reissue, or other applications for patents of any country, that may be deemed necessary by said

corporation fully to secure to said corporation, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND I do hereby covenant for myself and my legal representatives and agree with said corporation, its successors and assigns, that I have granted no right or license to make, use or sell said invention to anyone except said corporation, that, prior to the execution of this deed, my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal:



EASWARAN NAMBUDIRI

Oct. 27, 2003 .

Date

ACKNOWLEDGMENT

State of Connecticut )  
                        ) ss. Shelton  
County of Fairfield )

On this 27<sup>th</sup> day of October, 2003, personally appeared before me the above-named EASWARAN NAMBUDIRI to me known and known by me to be the person described in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.



NOTARY PUBLIC

Nadene M. Hussey  
Notary Public  
My Commission Expires  
January 31, 2008

## ASSIGNMENT

WHEREAS, I, EASWARAN NAMBUDIRI have invented certain new and useful improvements in a **METHOD AND SYSTEM FOR IMPROVING SECURITY OF POSTAGE INDICIA UTILIZING RESOLUTION AND PIXEL SIZE** identified as File Number **F-678** in the Intellectual Property and Technology Law Department files of the hereinafter-mentioned assignee, and have executed an application for United States Patent based thereon on the 27<sup>th</sup> day of October, 2003;

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NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and hereby sell, assign and transfer unto said corporation the entire right, title and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof, and all the rights under the International Convention for the Protection of Industrial Property including the right to claim for any foreign patent application the priority date of the corresponding U.S. patent application) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, substitute, reissue or other patent application based in whole or in part thereon, or based upon said invention;

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms of which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

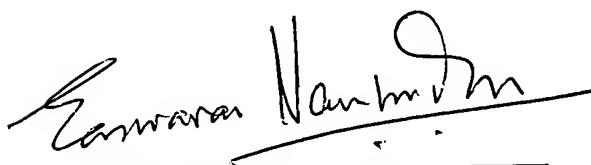
AND I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States application or any of them, or upon said invention or any part thereof, to said corporation;

AND I hereby agree for myself and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, renewal, substitute, reissue, or other applications for patents of any country, that may be deemed necessary by said

corporation fully to secure to said corporation, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND I do hereby covenant for myself and my legal representatives and agree with said corporation, its successors and assigns, that I have granted no right or license to make, use or sell said invention to anyone except said corporation, that, prior to the execution of this deed, my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal:



EASWARAN NAMBUDIRI

Oct. 27, 2003 .

\_\_\_\_\_  
Date

ACKNOWLEDGMENT

State of Connecticut )  
                      ) ss. Shelton  
County of Fairfield )

On this 27<sup>th</sup> day of October, 2003, personally appeared before me the above-named EASWARAN NAMBUDIRI to me known and known by me to be the person described in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.



\_\_\_\_\_  
NOTARY PUBLIC

Nadene M. Hussey  
Notary Public  
My Commission Expires  
January 31, 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of ) Date: October 28, 2003  
EASWARAN NAMBUDIRI ) Attorney Docket No.: F-678  
Serial No.: Not Yet Assigned ) Customer No.: 00919  
Filed: Concurrently herewith ) Confirmation No.: Not Yet Assigned  
  
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\_\_\_\_\_  
Brian A. Lemm

October 28, 2003

Total number of pages including this cover sheet: 3.